

Liebert® PSS™ Surge Suppressor

Quick-Start Guide - Models PRF 1080, NET 1080T



IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

This manual contains important instructions that should be followed during installation and maintenance of the Liebert PSS surge suppressor.

- Intended for installation in a controlled environment.
- Maximum ambient temperature 104°F (40°C).



CAUTION

To reduce the risk of fire, connect only to a circuit provided with 15 amperes maximum branch circuit overcurrent protection in accordance with the national code, ANSI/NFPA 70.

- Do not connect equipment that may overload the surge suppressor or demand half-wave rectification, such as a laser printer.
- Connect the surge suppressor only to an earthed / grounded outlet that meets national and local electrical safety guidelines.

- Locate the surge suppressor near a wall outlet. Do not use an extension cord between the surge suppressor and the outlet.
- The Liebert PSS has been designed for small office/home office use only; it is NOT recommended for use in life-support applications.
- In the event of an emergency, press the OFF button and disconnect the power cord from the AC power supply to properly disable the surge suppressor.
- Do not attach power strips or other surge suppressors to the Liebert PSS surge suppressor.
- Do not attempt to service any parts inside the surge suppressor. Failure to adhere to this could cause personal injury or equipment malfunction and void the warranty.
- For technical support:
 - Visit www.liebert.com or
 - Send an e-mail to upstech@emersonnetworkpower.com.

SETUP

Congratulations on purchasing the Liebert PSS Surge Suppressor.

The Liebert PSS is designed to protect 120 Volt electronic equipment. The surge suppressor is capable of carrying up to 15A current.

Follow these instructions to ensure that your Liebert PSS surge suppressor is properly installed and functioning.

Step 1 Connect AC Equipment to the Liebert PSS (Models PRF 1080 and NET 1080T)

- Plug the surge suppressor into a grounded outlet only.
- Plug the cords from your computer, home entertainment or other electrical equipment into the surge suppressor's receptacles.
- For large transformer blocks, use one of the three dedicated outlets on your surge suppressor.

Step 2 Connect Network Electronics (Model NET 1080T only)

- Disconnect the end of your network line at the wall or modem end.
- Connect it to one of the OUTPUT connections on the NET 1080T.
- Connect a patch cord to the INPUT connection on the NET 1080T.
- Connect the other end of the patch cord to the original wall or modem outlet.

Step 3 Apply Power to the Liebert PSS (Models PRF 1080 and NET 1080T)

- Turn the power switch to the ON position.



CAUTION

This protector is intended for indoor use on communication loop circuits, which have been isolated from the Public Switched Telephone Network. The communication loop circuits shall not be exposed to accidental contact with electrical light and/or power conductors.



FEATURES

Indicators

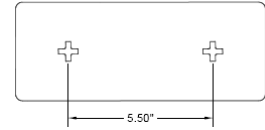
Each Liebert PSS has a **visual SURGE PROTECTION indicator** that illuminates (green) to show that the surge suppressor is functioning properly.

The Liebert PSS also has an **audible alarm** to alert you if the suppression fails. Surge suppressors are often hidden from view behind furniture and other objects that prevent you from seeing the visual indicator.

Wall Mounting

If wall mounting is desired, two keyed slots are provided and located on the back of the surge suppressor.

Wall Mounting Detail Rear View



TROUBLESHOOTING

If the Liebert PSS malfunctions during operation, check the following chart for proper adjustment. For further assistance, please contact your local Emerson Network Power representative.

| Problem | Recommended Actions |
|--|---|
| The green GROUND indicator does not illuminate. | <p>Try plugging the Liebert PSS into a different wall receptacle.</p> <ul style="list-style-type: none"> If the indicator illuminates, the Liebert PSS is operating properly and the first wall receptacle needs repair. Please contact an electrician to repair the faulty receptacle. If the indicator does NOT illuminate in a different receptacle: <ul style="list-style-type: none"> Your building wiring might not contain a ground conductor. In this case, the indicator light will not illuminate but you will still have power out of the Liebert PSS. The Liebert PSS may have been damaged. Please contact your supplier for any warranty return/repair instructions. |
| The green SURGE PROTECTION indicator does not illuminate when powered ON. | <p>Try plugging the Liebert PSS into a different wall receptacle.</p> <ul style="list-style-type: none"> If the indicator illuminates, the Liebert PSS is operating properly and the first wall receptacle needs repair. Please contact an electrician to repair the faulty receptacle. If the indicator does NOT illuminate in a different receptacle: <ul style="list-style-type: none"> The Liebert PSS may have been overloaded and the internal circuit breaker may have tripped. Remove all loads from device and reset the circuit breaker by pushing the button back in. Replace loads one at a time. The Liebert PSS may have been damaged. Please contact your supplier for any warranty return/repair instructions. |

SPECIFICATIONS

| Model Number | PRF 1080 | NET 1080T |
|------------------------------|---------------|-----------|
| AC Power Protection | | |
| Nominal Operating Voltage | 120V | |
| Maximum Operating Voltage | 130V | |
| Rated Output | 15A | |
| Mode of Protection | L-N, L-G, N-G | |
| Peak Surge Rating | 72,000A | |
| Surge Energy | 1080 Joules | |
| EMI/RFI Filtration | Yes | |
| UL 1449 Surge Voltage Rating | 330V | |
| Network Protection | | |
| Connection Type | — | RJ45 |
| Protection | — | 2 Pair |



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